

Message

From: Kay, Robert [rtkay@usgs.gov]
Sent: 7/21/2015 2:38:32 PM
To: Nordine, John [nordine.john@epa.gov]
Subject: Techalloy June 2015 Monthly Progress Report

John: I have reviewed the documents submitted for the June 2015 Monthly Progress Report for the Techalloy (Central Wire) facility in Union, IL. I have a few comments.

Progress Report: Table on pumping data from Ex. 6 Personal Privacy (PP) wells. Dates in title need to be corrected--including the year.

My recollection is we asked for, and Autumwood agreed to, changes in the sampling protocols for the residential wells. Can Autumwood provide the updated sampling plan? Several wells had a 15 minute purge time. I don't recall if the protocol was for 15 or 30 minutes.

eDMR Form: the concentration units reported for TCE, TCA, and PCE are an order of magnitude too large. For example the concentrations of TCA is reported as 0.0066 mg/L (6.6 ug/L) when it should be 0.00066 mg/L (0.66 ug/L).

Field Parameter Compilation:

A. Field parameters typically are measured every 3-5 minutes during low flow sampling in monitoring wells. It's my recollection the sampling plan for this site calls for a measurement of field parameters every 5 minutes. Measurements were taken every 3 minutes. Can Autumwood provide the sampling plan so that we can verify the agreed upon measurement interval? I'd also like to verify the DO stabilization criteria.

B. There is a lack of proper formatting of this table (inconsistent report of data to the right of the decimal, poor alignment, lack of table headings beyond the first page). There also are a number of typos in the data here (temp. at HBR; DO for DGW-1I). The table should be edited and corrected.

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Robert T. Kay
 U.S. Geological Survey
 650G Peace Road
 DeKalb, IL 60115
 815-752-2041
rtkay@usgs.gov